

FIG.1

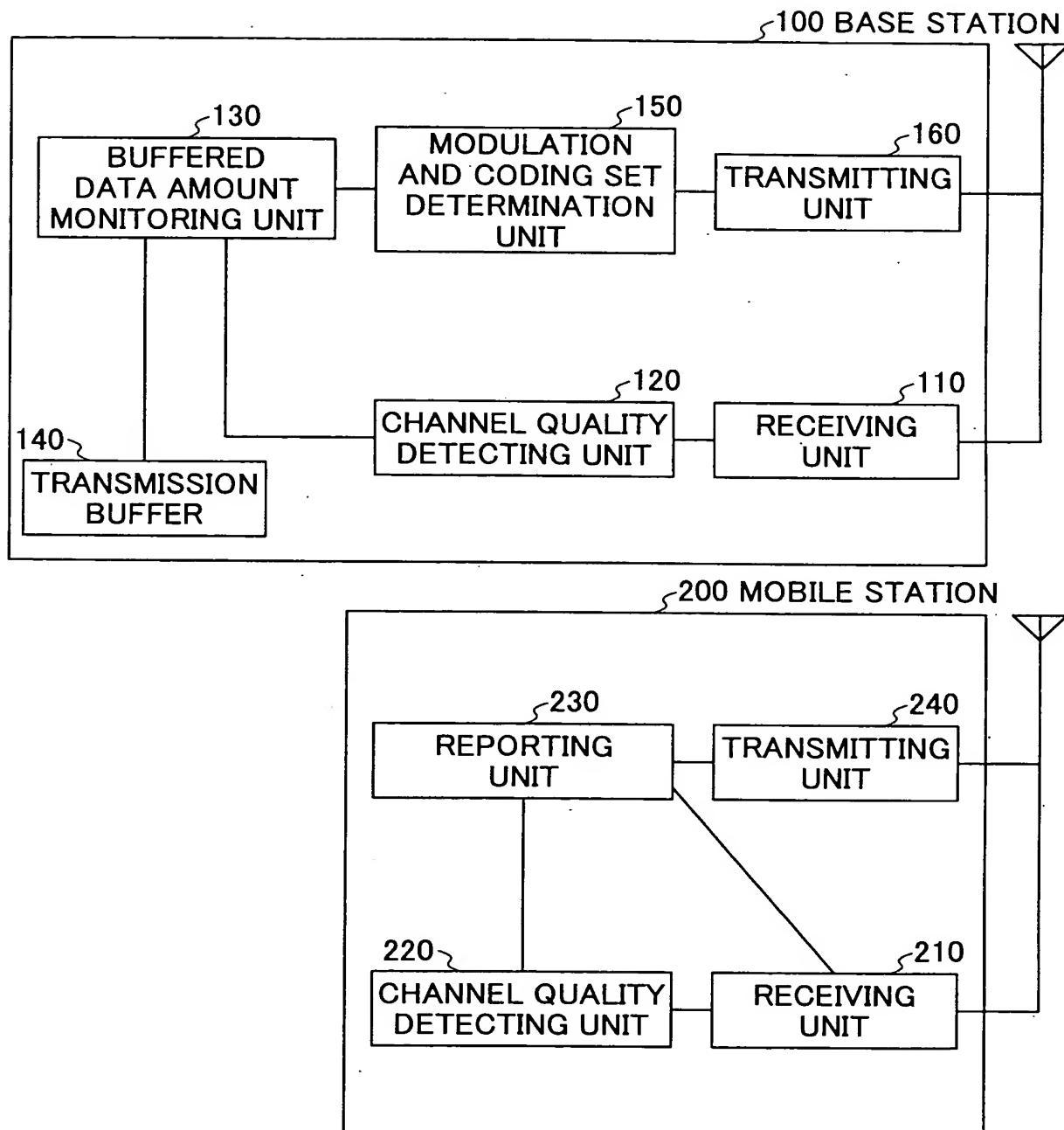


FIG.2

CQI	REQUIRED SINR (dB)	MODULATION AND CODING SET	TOTAL TRANSMISSION RATE (Mbps)	TBS/slot (kbit)
1	2.0	QPSK1/2	22	11
2	5	QPSK3/4	34	17
3	6.5	16QAM1/2	45	22.5
4	10.5	16QAM3/4	68	34
5	13	64QAM3/4	102	51

FIG.3

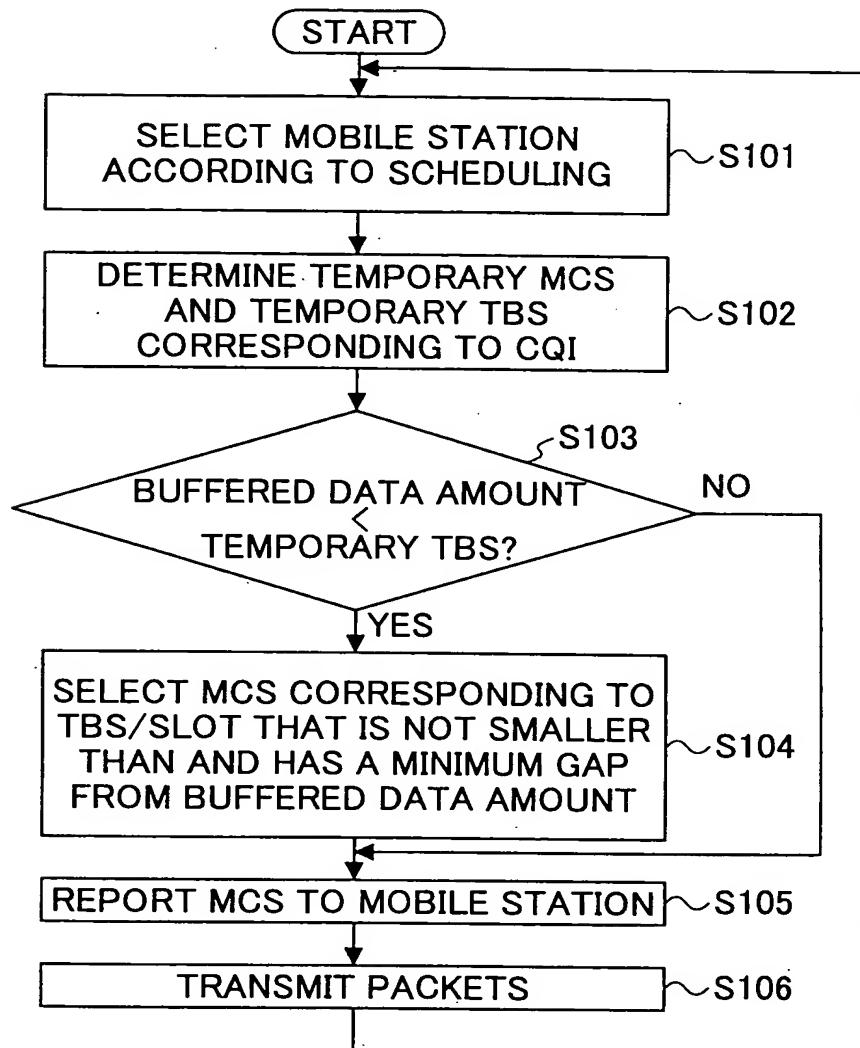


FIG.4

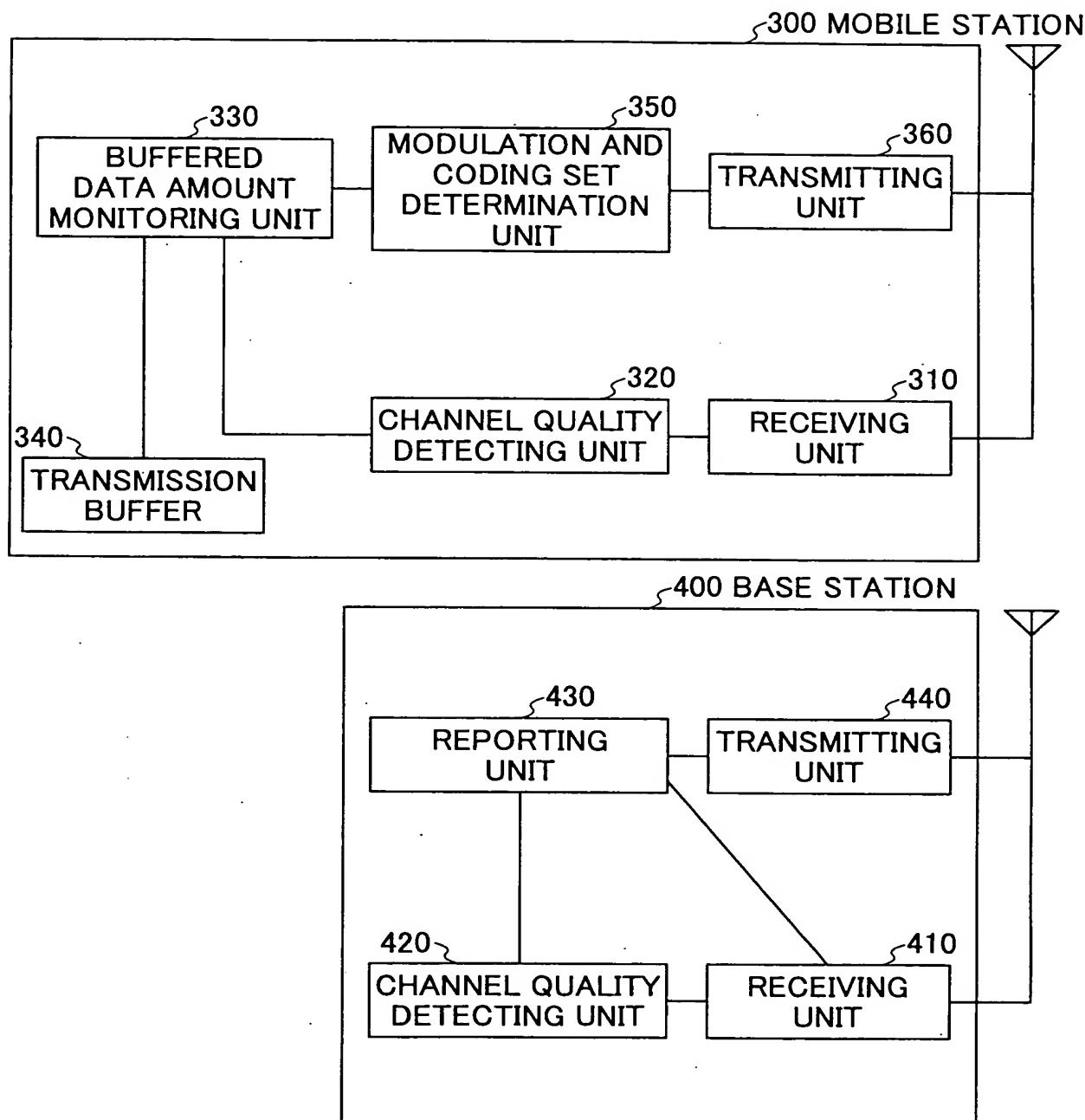


FIG.5

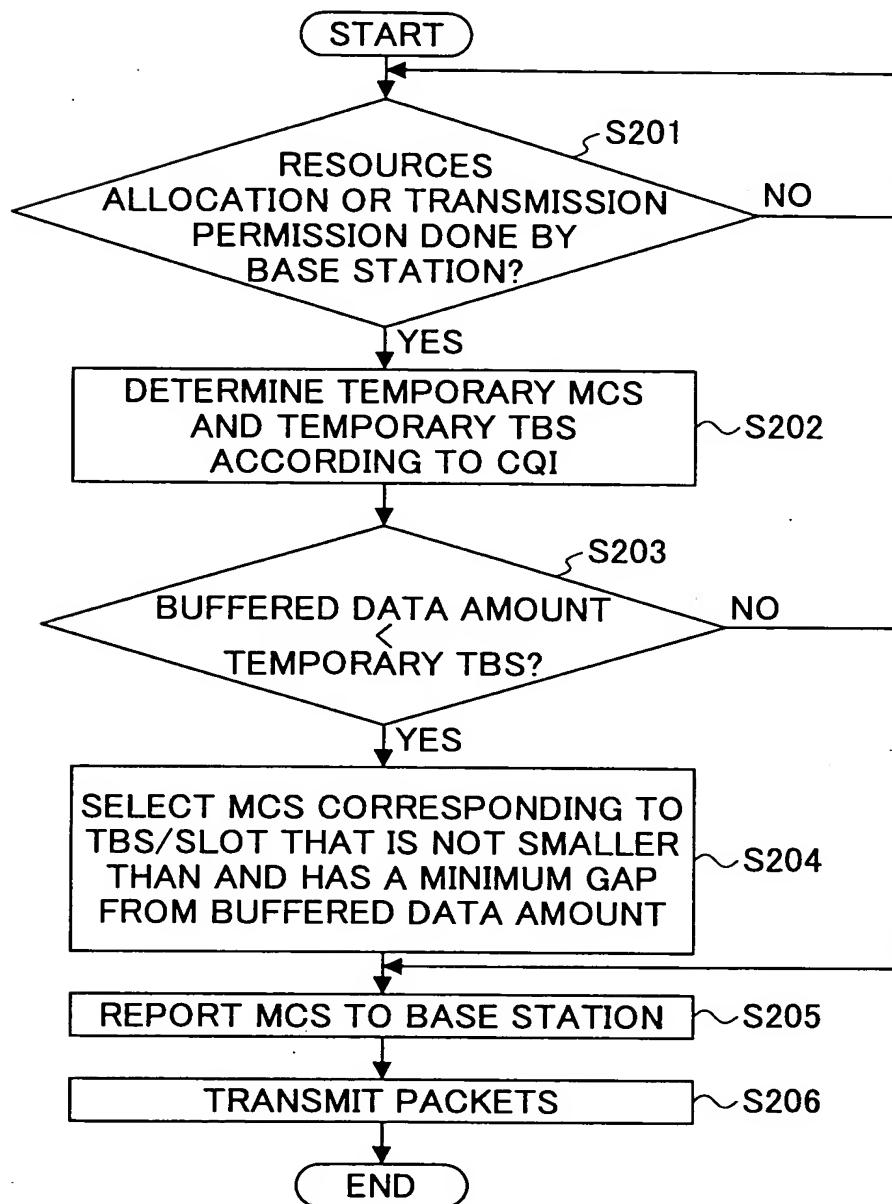
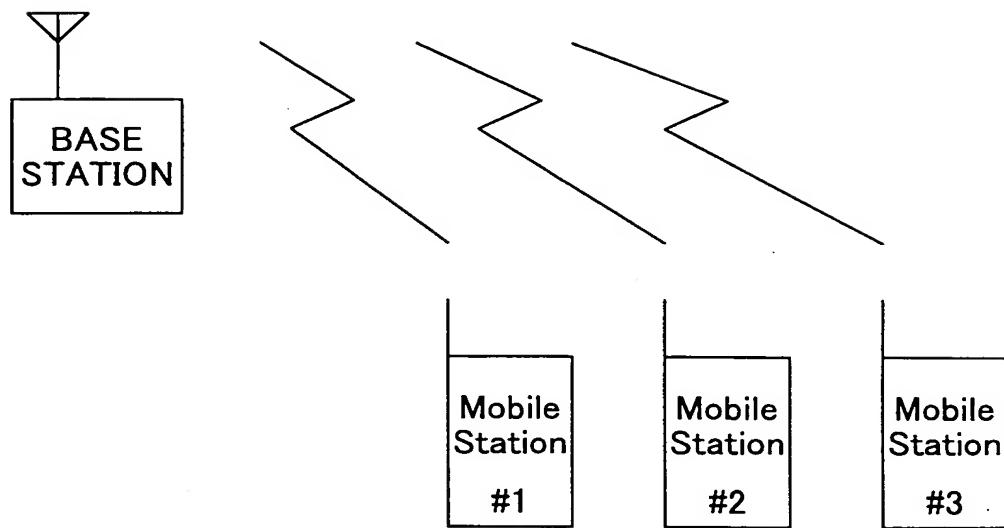


FIG.6



MOBILE STATION	BUFFERED DATA AMOUNT	MODULATION AND CODING SET (MCS)	TRANSMISSION BLOCK SIZE (TBS)	PADDING	REQUIRED SINR (dB)
#1	15 kbits	64QAM3/4	51 kbits	51-15=36 kbits	13
#2	20 kbits	64QAM3/4	51 kbits	51-25=26 kbits	13
#3	20 kbits	QPSK1/2	11 kbits	0	2

FIG. 7A

MOBILE STATION	BUFFERED DATA AMOUNT	MODULATION AND CODING SET (MCS)	TRANSMISSION BLOCK SIZE (TBS)	PADDING	REQUIRED SINR (dB)
#1	15 kbits	QPSK3/4	17 kbits	17-15=2 kbits	5
#2	25 kbits	16QAM3/4	34 kbits	34-25=9 kbits	10.5
#3	20 kbits	QPSK1/2	11 kbits	0	2

FIG. 7B

FIG.8A

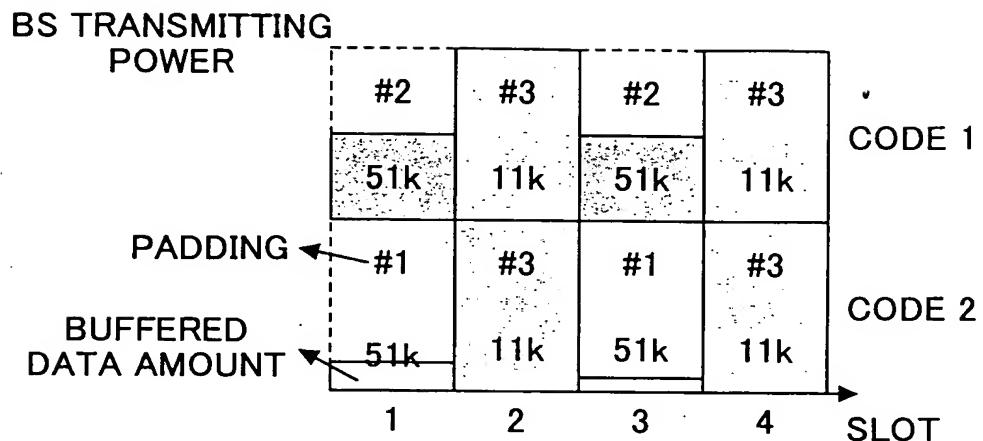


FIG.8B

